

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/013723

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F21V7/22 B29D11/00 G02F1/13357

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F21V B29D G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 859 933 B (FLAT PANEL DISPLAY CO FPD BV) 26 August 1998 (1998-08-26) paragraph '0001! - paragraph '0003! paragraph '0026! - paragraph '0043!; figures 1-5	1,2,8, 15,16
Y	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 11, 30 September 1999 (1999-09-30) & JP 11 149073 A (MATSUSHITA ELECTRIC IND CO LTD), 2 June 1999 (1999-06-02) abstract	1,2,8, 15,16
A	US 2003/118805 A1 (KAYTOR SCOTT R ET AL) 26 June 2003 (2003-06-26) paragraph '0008! - paragraph '0026! paragraph '0047! - paragraph '0147!; figures 1-12	1-16

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

20 December 2004

Date of mailing of the international search report

29/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Bader-Arboreanu, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/013723

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0859933	B	26-08-1998	DE 69713870 D1	14-08-2002
			DE 69713870 T2	27-02-2003
			EP 0859933 A1	26-08-1998
			WO 9812470 A1	26-03-1998
			JP 2000501229 T	02-02-2000
			US 5975722 A	02-11-1999
JP 11149073	A	02-06-1999	NONE	
US 2003118805	A1	26-06-2003	US 6497946 B1	24-12-2002
			US 5976686 A	02-11-1999
			AU 6398600 A	19-02-2001
			CN 1367804 T	04-09-2002
			EP 1214371 A1	19-06-2002
			JP 2003506728 T	18-02-2003
			WO 0109227 A1	08-02-2001
			US 2004005451 A1	08-01-2004
			US 2001036546 A1	01-11-2001
			CA 2305083 A1	06-05-1999
			DE 69810341 D1	30-01-2003
			DE 69810341 T2	30-10-2003
			EP 1025146 A1	09-08-2000
			JP 2001521198 T	06-11-2001
			WO 9921913 A1	06-05-1999